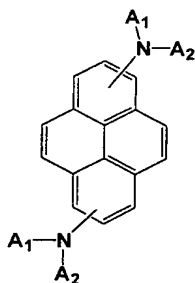


**What is claimed is:**

1. An organic electroluminescent device, comprising:  
a substrate;  
a first and second electrodes formed on the substrate;  
an emitting layer formed between the first electrode and the second electrode, the emitting layer having a plurality of materials and being a blue emitting material using a chemical formula 1 as a dopant.

[Chemical formula]



Wherein, at least one of A<sub>1</sub> and A<sub>2</sub> is selected from a substituted or non-substituted aromatic group, a heterocyclic group, an aliphatic group and hydrogen.

2. The organic electroluminescent device of claim 1, wherein wt. % of the material in the chemical formula 1 is 0.1 - 49.9wt.% of a total weight of the emitting layer.

3. The organic electroluminescent device of claim 1, wherein materials forming the emitting layer together with the material of the chemical formula 1 is structured as a chemical formula 2.

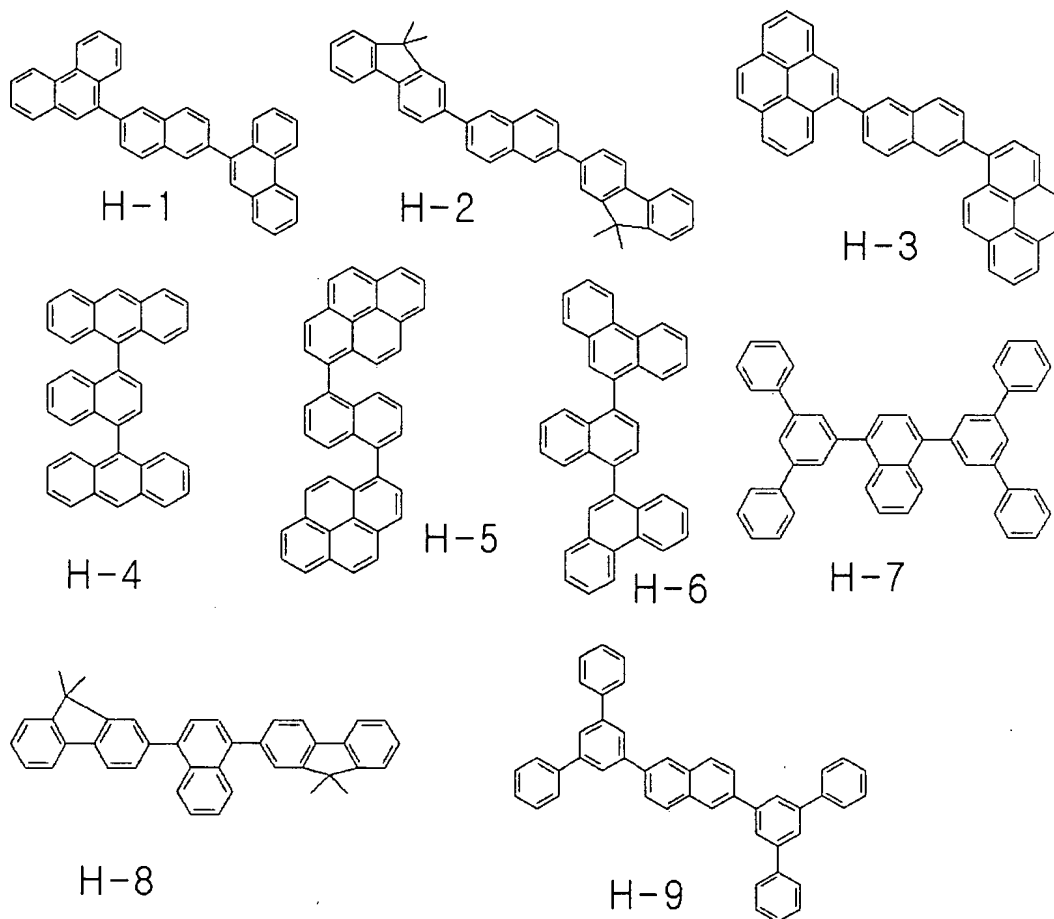
[Chemical formula 2]

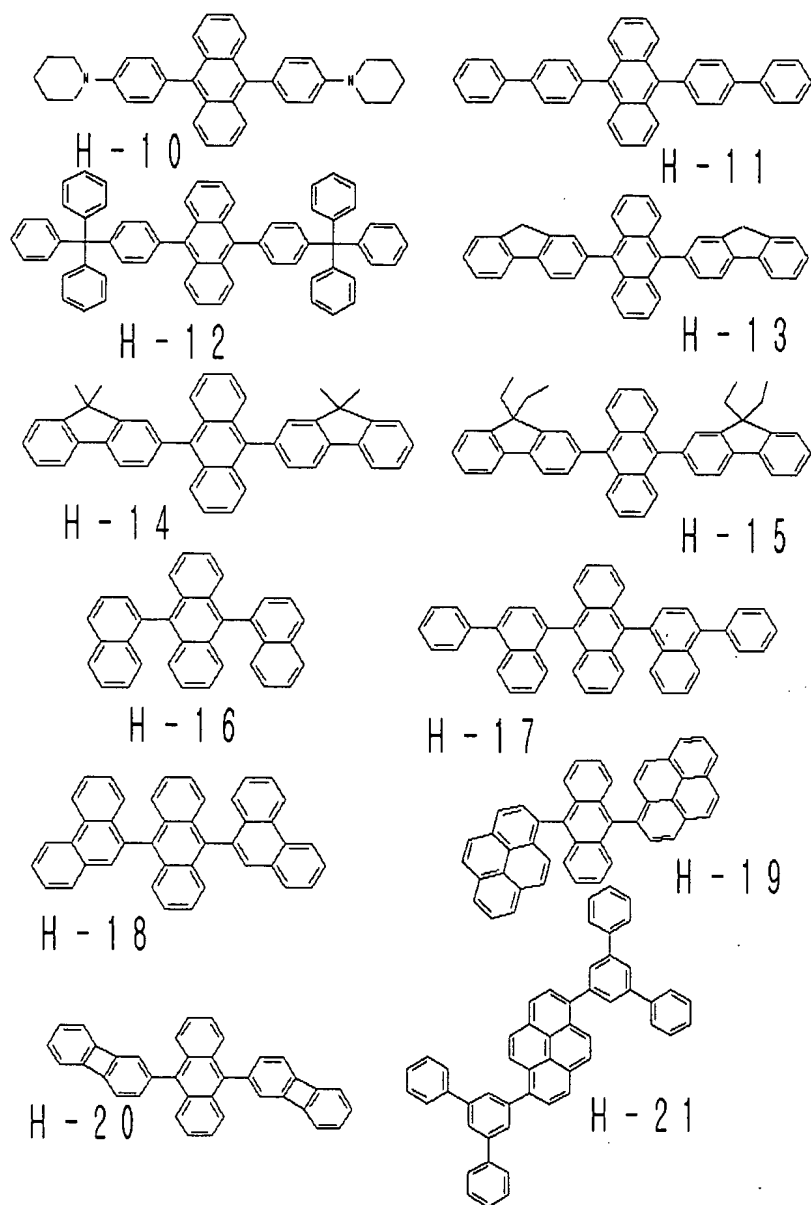
B1 - X - B2

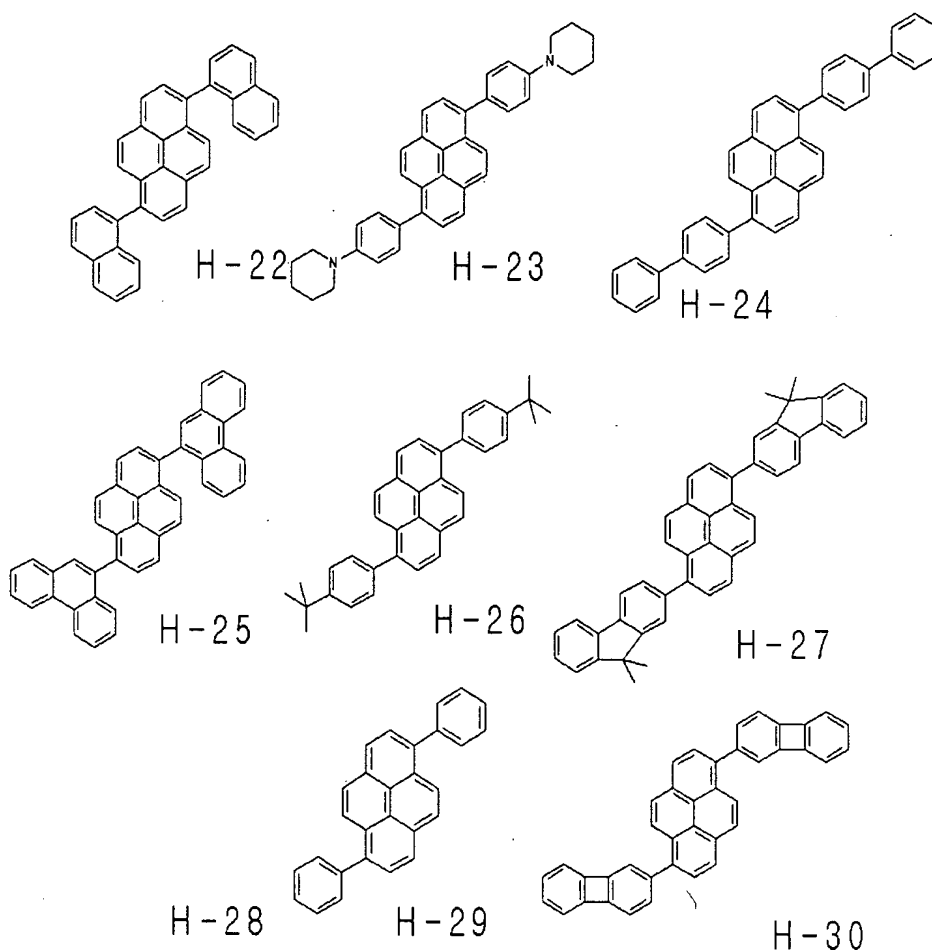
Wherein, the X is selected from a group consisting of naphthalene, anthracene, phenanthrene, pyrene, perylene, and quinoline and at least one of the B1 and B2 is selected from a group consisting of aryl, alkylaryl, alkoxyaryl, arylaminoaryl and alkylaminoaryl.

4. The organic electroluminescent device of claim 3, wherein at least one of the B1 and B2 is selected from phenyl, biphenyl, pyridyl, naphthyl, tritylphenyl, biphenylenyl, anthryl, phenanthryl, pyrenyl, perylenyl, quinolyl, isoquinolyl, fluorenyl, terphenyl, tolyl, xylyl, methylnaphthyl, and hydrogen.

5. The organic electroluminescent device of claim 1, wherein the material forming the emitting layer together with the material of the chemical formula 1 is one of following formulas.





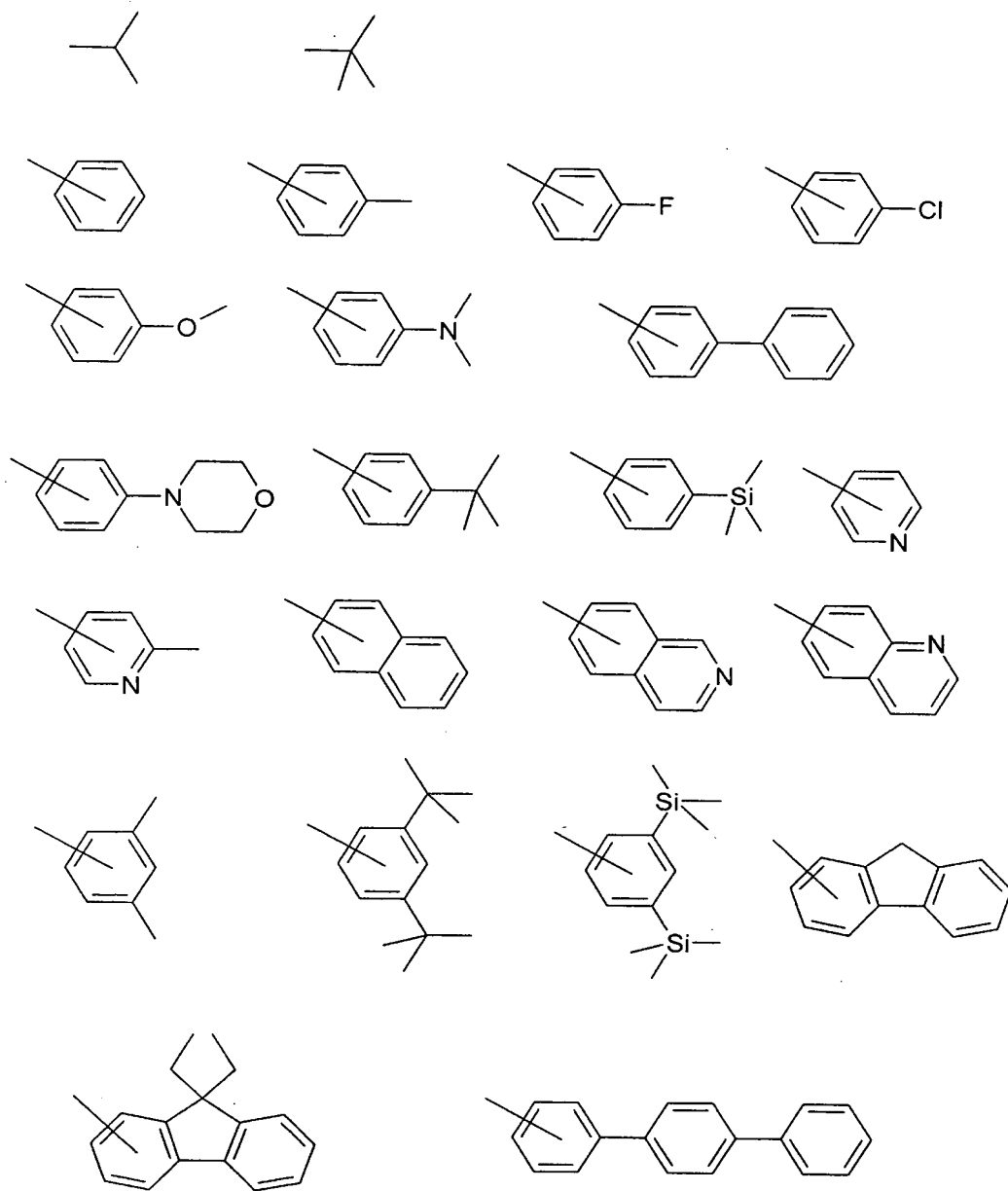


6. The organic electroluminescent device of claim 1, wherein at least one of the A1 and A2 is selected from a substituted or non-substituted phenyl, a substituted or non-substituted biphenyl, a substituted or non-substituted pyridyl, a substituted or non-substituted naphthyl, a substituted or non-substituted quinolyl, a substituted or non-substituted isoquinolyl, a substituted or non-substituted fluorenyl, a substituted or non-substituted terphenyl, methyl, ethyl, propyl, i-propyl, and t-buthyl.

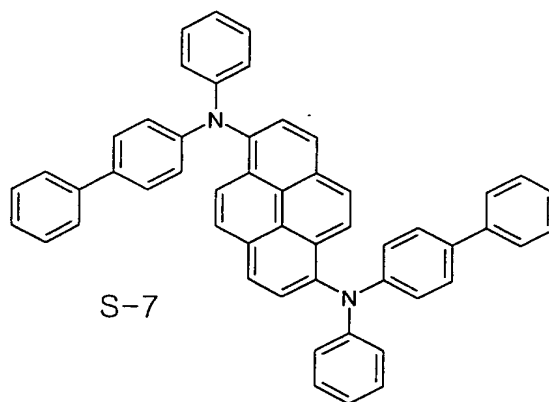
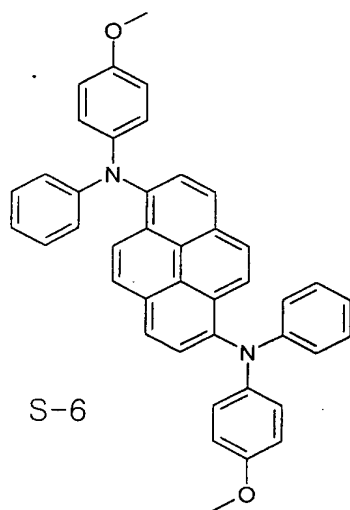
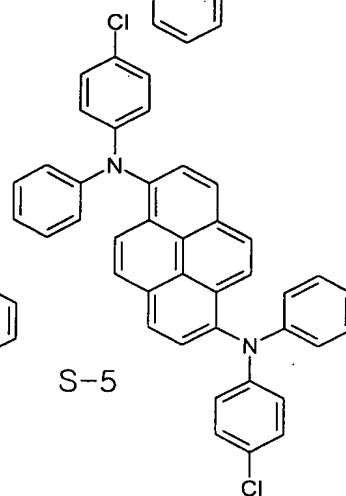
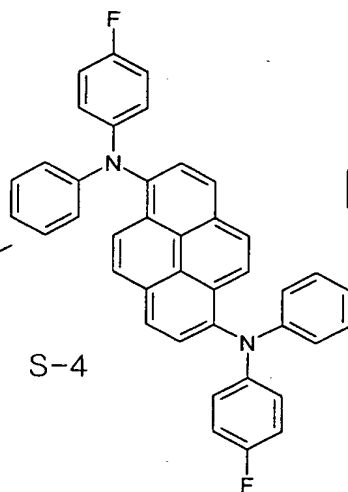
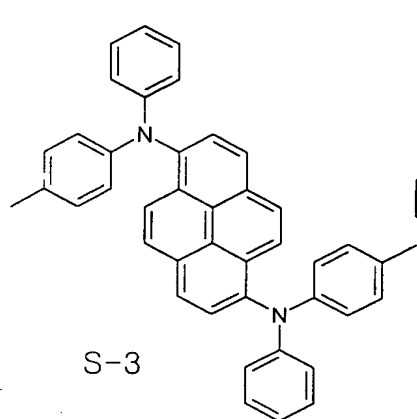
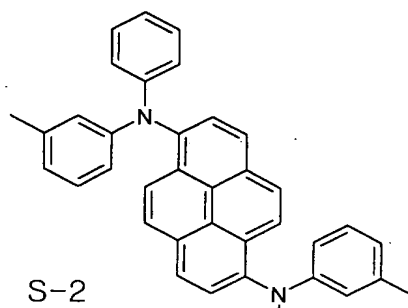
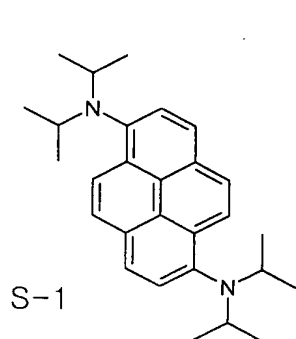
7. The organic electroluminescent device of claim 1, wherein a substituent of each substituted A1 and A2 is at least one and selected from alkyl, alkoxy, alkylamino, alkylsilyl, halogen, aryl, aryloxy, arylamino, arylsilyl and hydrogen.

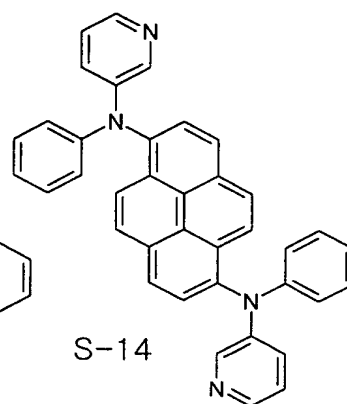
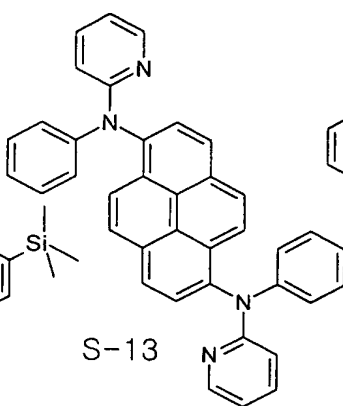
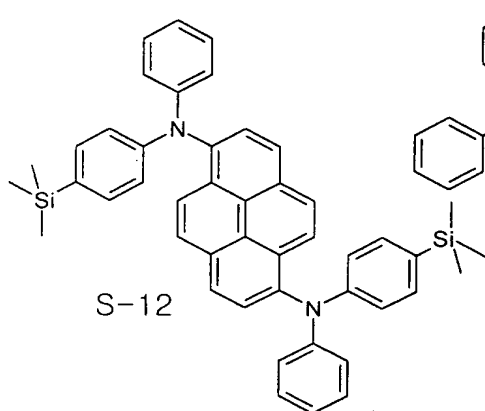
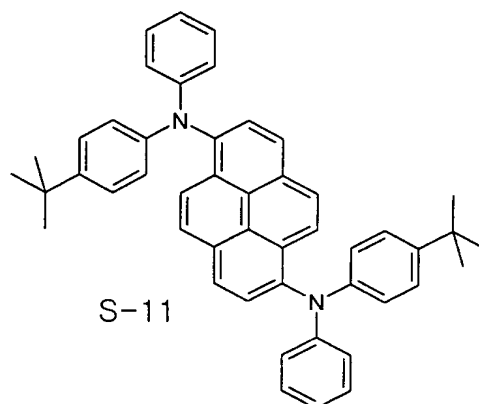
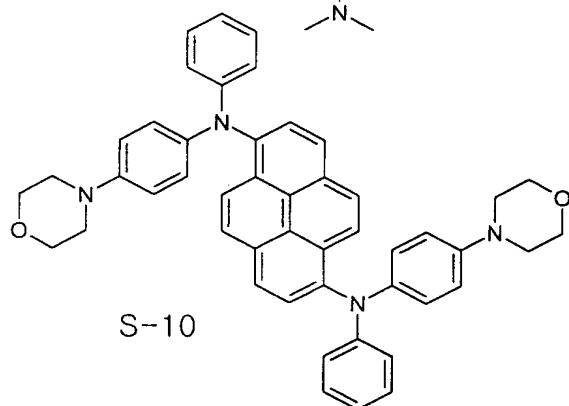
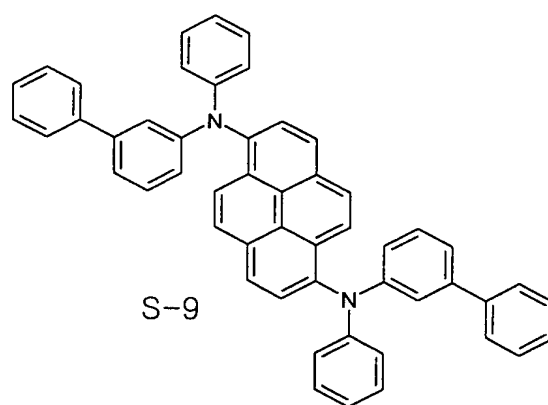
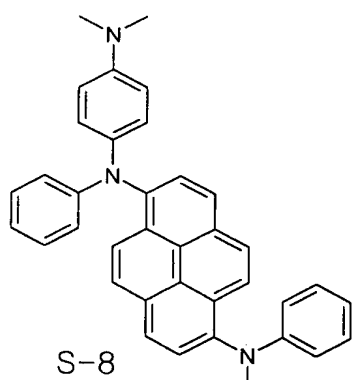
8. The organic electroluminescent device of claim 7, wherein the substituent is one selected from methyl, ethyl, propyl, i-propyl, t-butyl, cyclohexyl, methoxy, ethoxy, propoxy, butoxy, dimethylamino, trimethylsilyl, fluorine, chlorine, phenoxy, tolyloxy, dimethylamino, diethylamino, diphenylamino, and triphenylsilyl.

9. The organic electroluminescent device of claim 1, wherein at least one of the A1 and A2 in one of following chemical formulas.

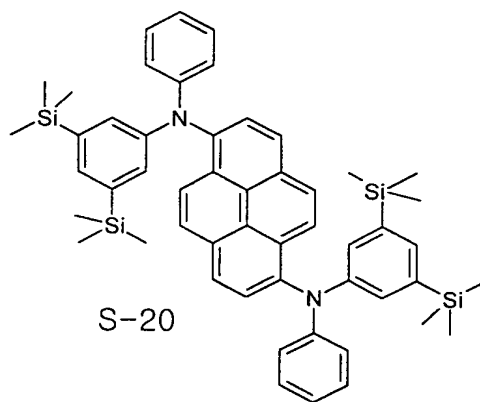
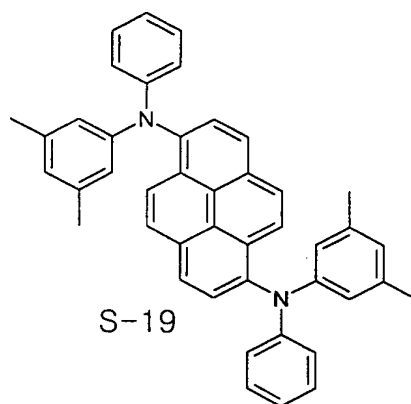
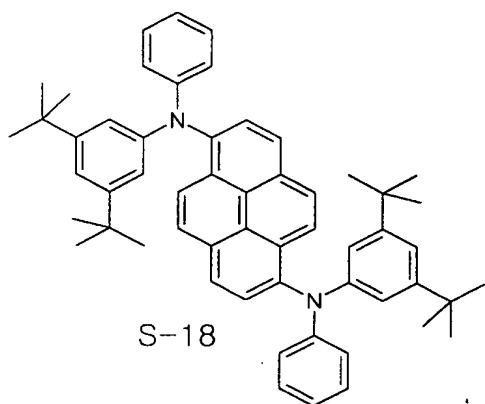
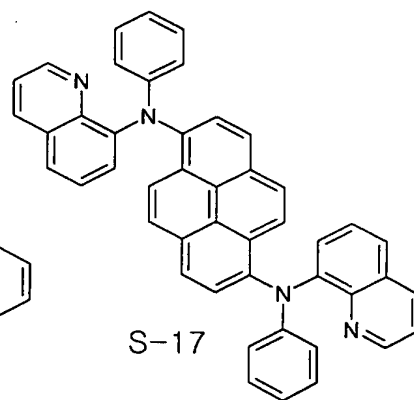
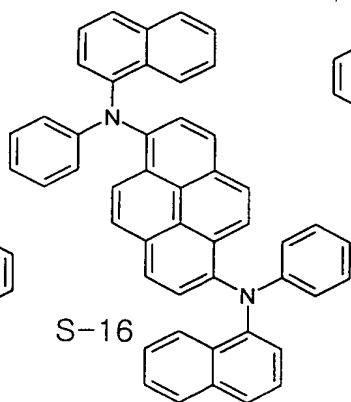
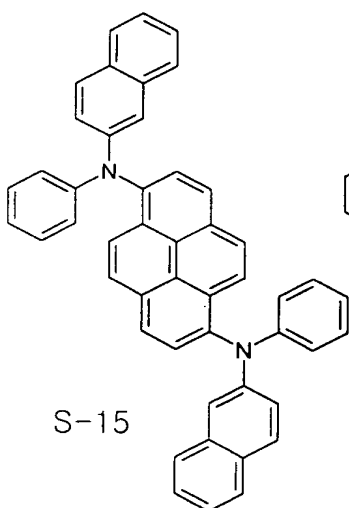


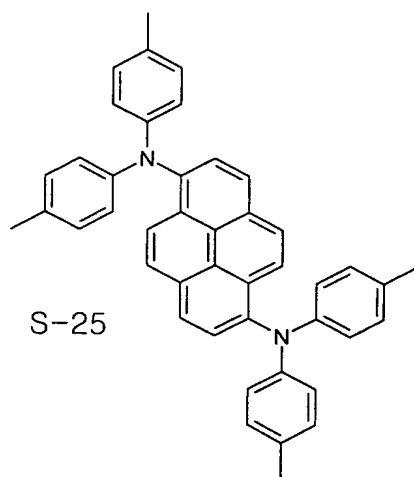
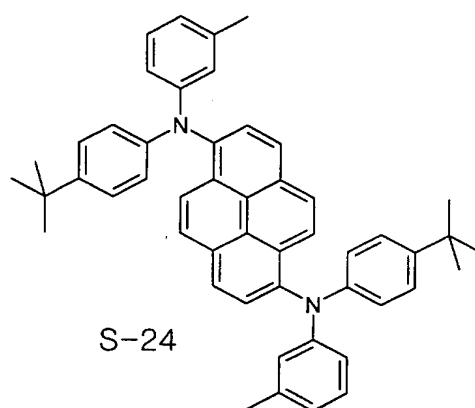
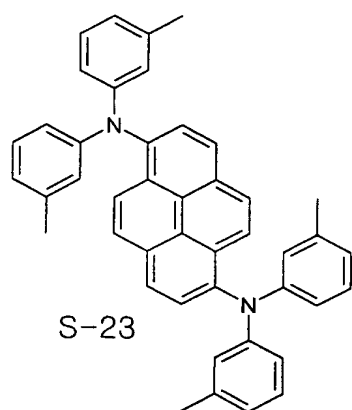
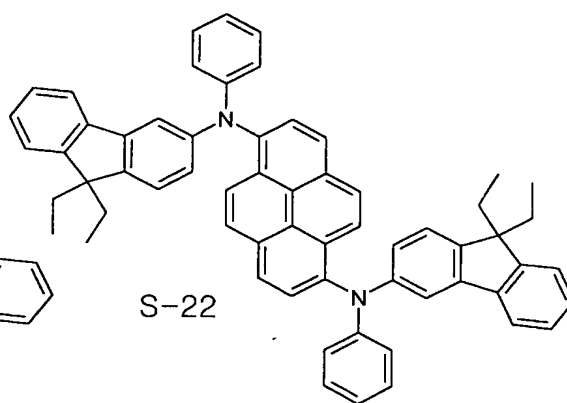
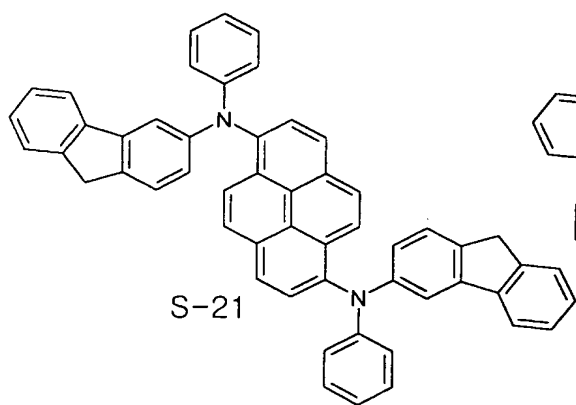
10. The organic electroluminescent device of claim 1, wherein the blue emitting material is at least one of following chemical formulas.

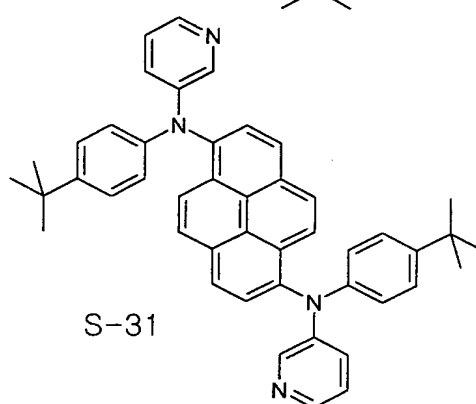
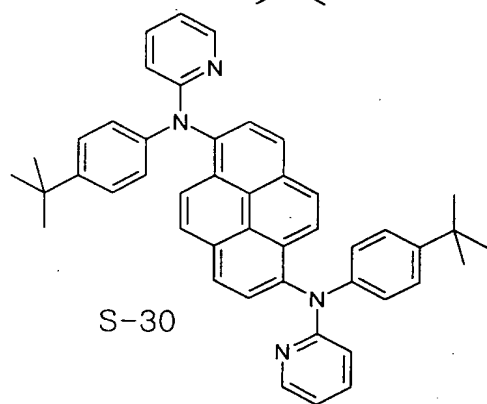
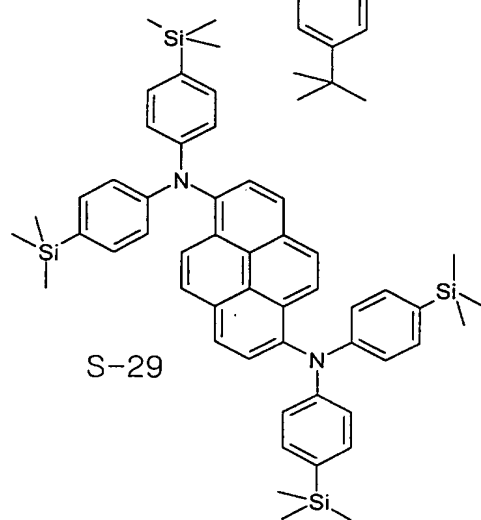
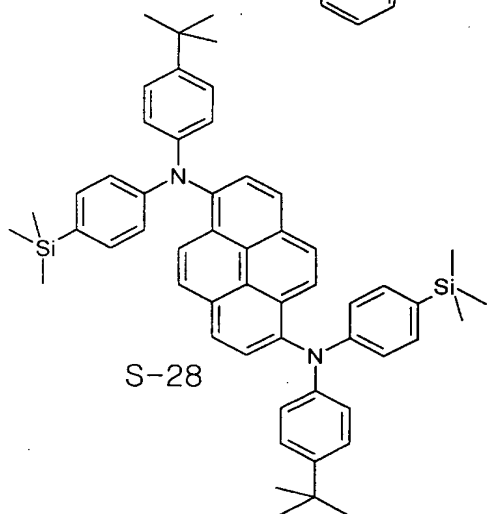
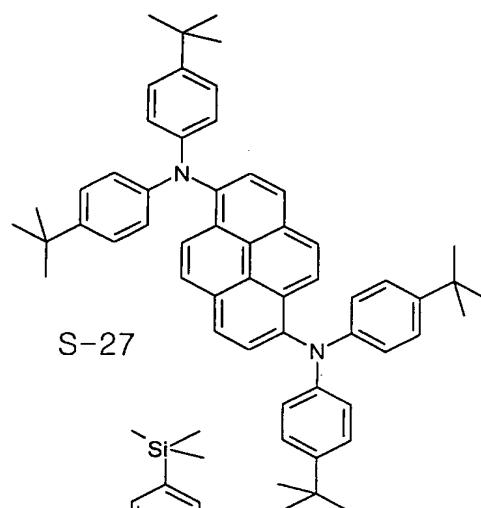
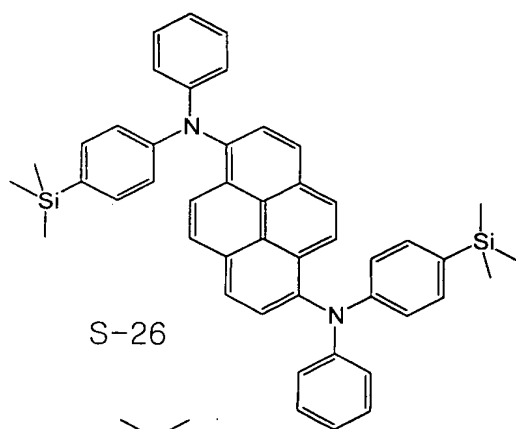


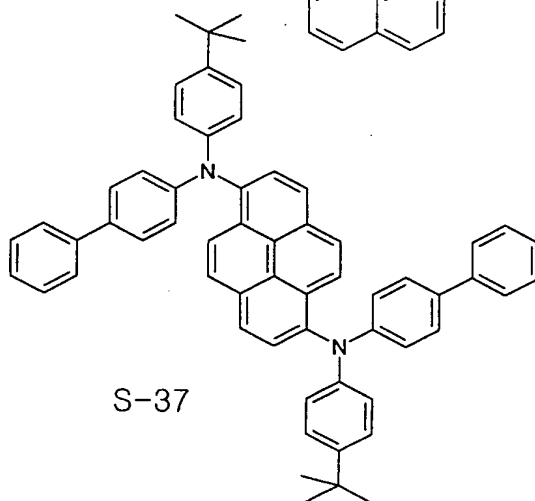
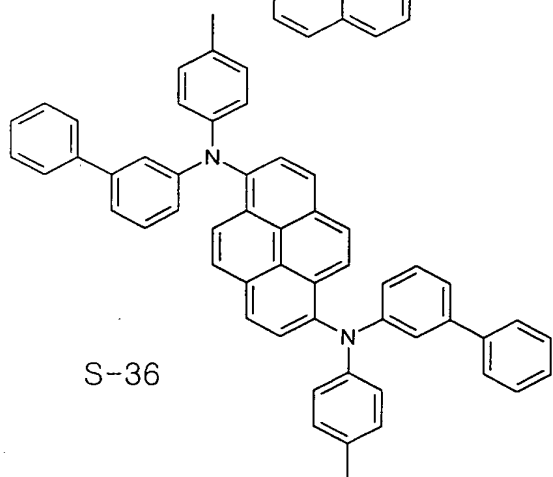
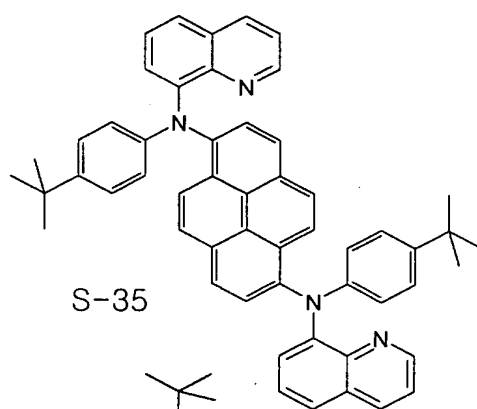
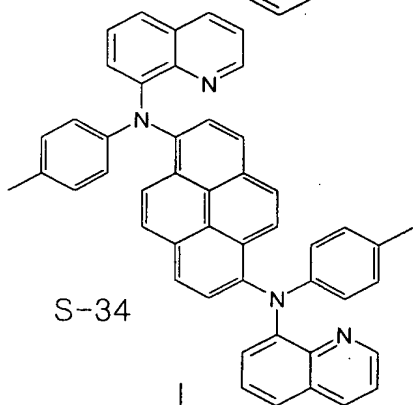
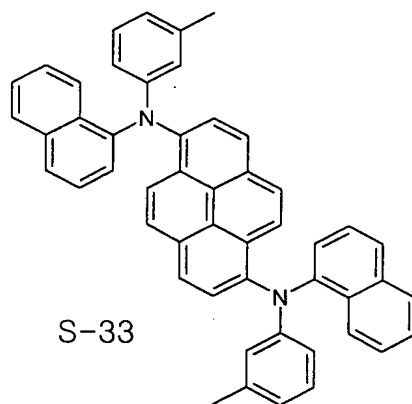
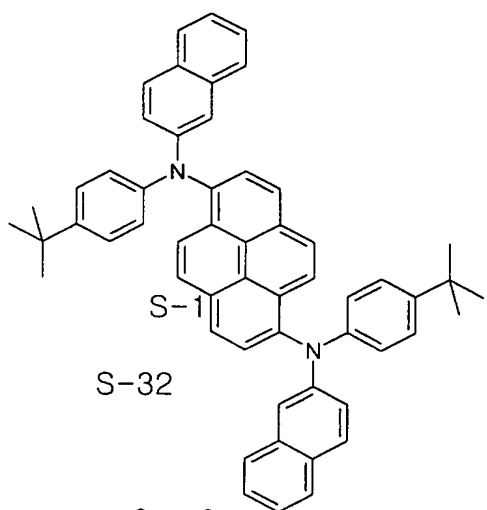


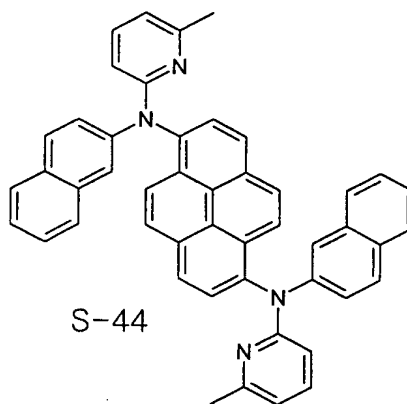
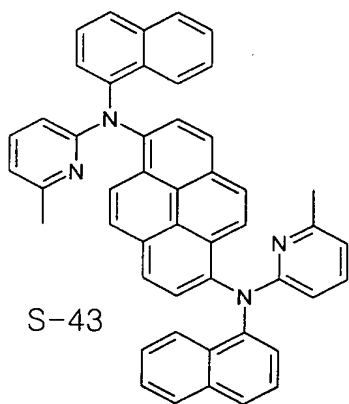
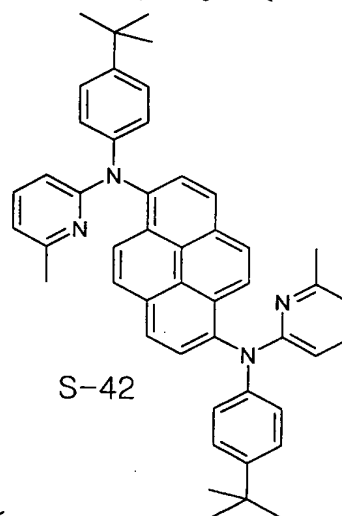
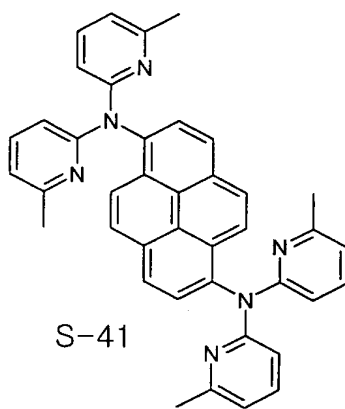
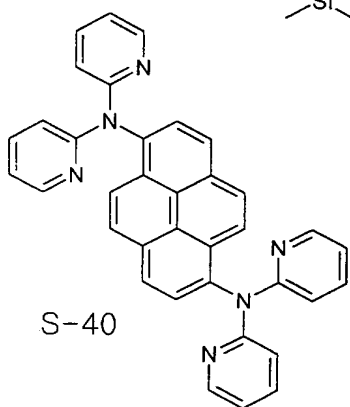
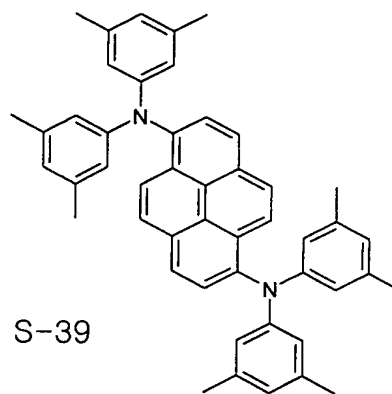
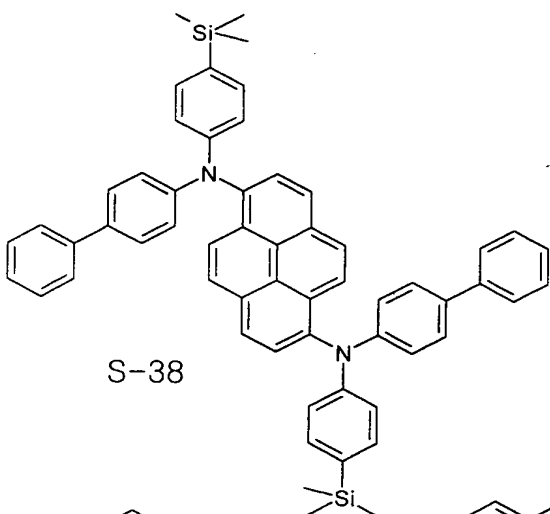


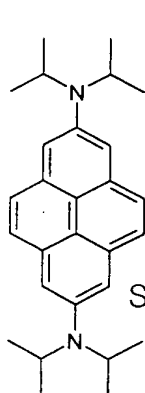




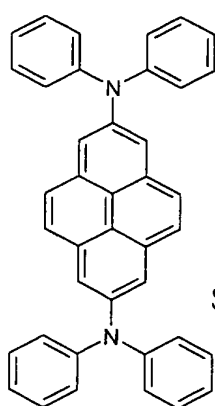




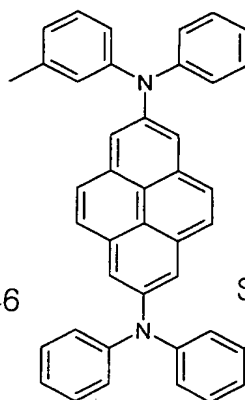




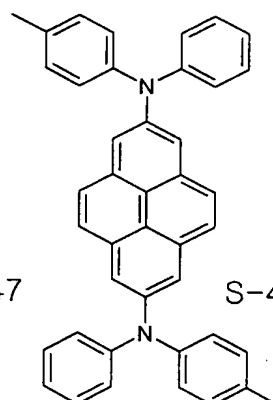
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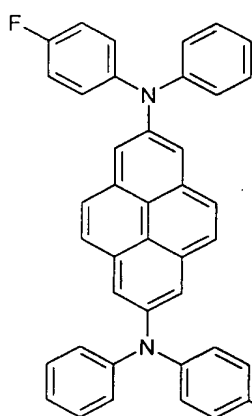
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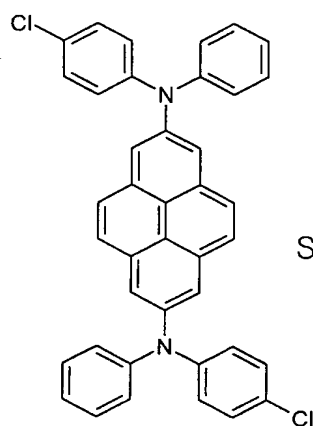
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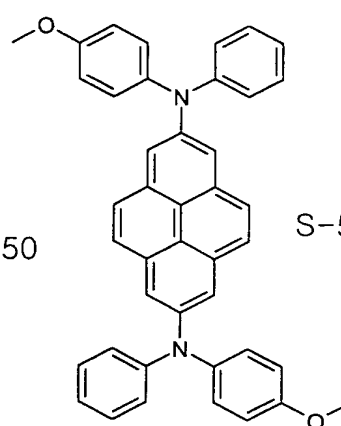
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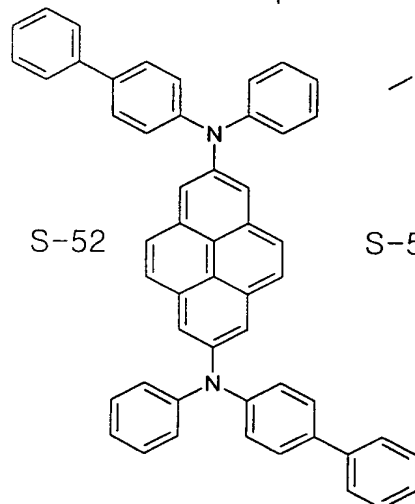
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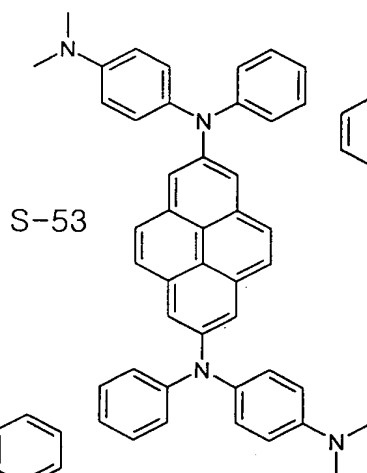
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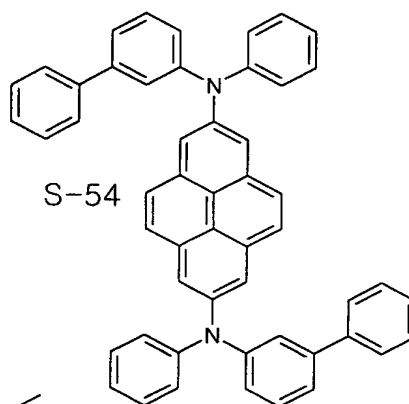
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S-52



S-53



S-54

